

In the Claims

1 1. [Original] A method of responding to a status change for a peripheral
2 device comprising:
3 determining that a status change has occurred in the peripheral device;
4 combining a unique device identifier relevant to the peripheral device with the
5 status change to form an electronic message; and
6 transmitting the electronic message across a firewall.

1 2. [Original] The method of claim 1, wherein determining comprises
2 determining that a quantity of a consumable has fallen below a predetermined
3 threshold and wherein transmitting comprises transmitting the electronic message
4 from an embedded web server contained in the peripheral device across a firewall.

1 3. [Original] The method of claim 1, wherein determining comprises
2 determining that an order toner condition exists in a hard copy output engine.

1 4. [Original] The method of claim 1, wherein combining comprises
2 combining the status change with a unique device identifier chosen from a group
3 consisting of: a predetermined account number associated with the peripheral
4 device, a serial number associated with the peripheral device, a vendor email
5 address associated with the peripheral device or a universal resource locator for a
6 web address for a vendor associated with the peripheral device.

1 5. [Original] The method of claim 1, wherein transmitting comprises
2 transmitting an electronic message to a vendor of consumables and services
3 relevant to the peripheral device.

1 6. [Original] The method of claim 1, wherein the peripheral device is
2 chosen from a group consisting of: facsimile machines, photocopiers and printers.

1 7. [Original] The method of claim 1, wherein determining that a status
2 change has occurred comprises determining that a usage threshold indicative of
3 need for preventive maintenance has been met.

1 8. [Original] An article of manufacture comprising a computer usable
2 medium having computer readable code embodied therein that is configured to
3 cause a processor to:

4 determine that a status change has occurred in the peripheral device;
5 combine a unique device identifier relevant to the peripheral device with the
6 status change to form an electronic message; and
7 transmit the electronic message across a firewall.

1 9. [Original] The article of manufacture of claim 8, wherein the computer
2 readable code configured to cause a processor to determine comprises computer
3 readable code configured to cause the processor to determine that a quantity of a
4 consumable has fallen below a predetermined threshold and wherein the computer
5 readable code configured to cause a processor to transmit comprises computer
6 readable code configured to cause a process to transmit the electronic message
7 from an embedded web server contained in the peripheral device across a firewall.

1 10. [Original] The article of manufacture of claim 8, wherein the computer
2 readable code configured to cause a processor to determine comprises computer
3 readable code configured to cause the processor to determine that an order toner
4 condition exists in a hard copy output engine.

1 11. [Original] The article of manufacture of claim 8, wherein the computer
2 readable code configured to cause a processor to combine comprises computer
3 readable code configured to cause the processor to combine the status change with
4 a unique device identifier chosen from a group consisting of: a predetermined
5 account number associated with the peripheral device, a serial number associated
6 with the peripheral device, a vendor email address associated with the peripheral
7 device or a universal resource locator for a web address for a vendor associated
8 with the peripheral device.

1 12. [Original] The article of manufacture of claim 8, wherein the computer
2 readable code configured to cause a processor to transmit comprises computer
3 readable code configured to cause the processor to transmit an electronic message
4 to a vendor of consumables and services relevant to the peripheral device.

1 13. [Original] The article of manufacture of claim 8, wherein the peripheral
2 device is chosen from a group consisting of: facsimile machines, photocopiers and
3 printers.

1 14. [Original] The article of manufacture of claim 8, wherein the computer
2 readable code configured to cause a processor to determine comprises computer
3 readable code configured to cause the processor to determine that a usage threshold
4 indicative of need for preventive maintenance has been met.

1 15. [Original] A computer implemented control system for a hard copy
2 output engine, the system comprising:
3 memory configured to store a software module; and
4 processing circuitry configured to employ the software module to:
5 determine that a status change has occurred in the peripheral device;
6 combine a unique device identifier relevant to the peripheral device
7 with the status change to form an electronic message; and
8 transmit the electronic message across a firewall.

1 16. [Original] The computer implemented control system of claim 15,
2 wherein the processor configured to employ the software module to transmit
3 comprises a processor configured to transmit an electronic message to a vendor of
4 consumables and services relevant to the peripheral device and wherein the
5 processor configured to employ the software module to transmit comprises a
6 processor configured to transmit the electronic message from an embedded web
7 server contained in the peripheral device across a firewall.

1 17. [Original] The computer implemented control system of claim 15,
2 wherein the processor configured to employ the software module to determine
3 comprises a processor configured to employ the software module to determine that
4 a usage threshold indicative of need for preventive maintenance has been met.

1 18. [Original] The computer implemented control system of claim 15,
2 wherein the processor configured to employ the software module to combine
3 comprises a processor configured to employ the software module to combine the
4 status change with a unique device identifier chosen from a group consisting of: a
5 predetermined account number associated with the peripheral device, a serial
6 number associated with the peripheral device, a vendor email address associated
7 with the peripheral device or a universal resource locator for a web address for a
8 vendor associated with the peripheral device.

1 19. [Original] The computer implemented control system of claim 15,
2 wherein the hard copy output engine is chosen from a group consisting of: facsimile
3 machines, photocopiers and printers.

1 20. [Original] The computer implemented control system of claim 15,
2 wherein the processor configured to employ the software module to determine
3 comprises a processor configured to employ the software module to determine that
4 an order toner condition exists in a hard copy output engine.

1 21. [Original] A computer instruction signal embodied in a carrier wave
2 carrying instructions that when executed by a processor cause the processor to:
3 determine that a status change has occurred in the peripheral device;
4 combine a unique device identifier relevant to the peripheral device with the
5 status change to form an electronic message; and
6 transmit the electronic message across a firewall.

1 22. [Original] The computer instruction signal of claim 21, wherein the
2 computer instruction signal embodied in the carrier wave carrying instructions that
3 cause the processor to determine comprises a computer instruction signal carrying
4 instructions that when executed cause the processor to determine that a quantity of
5 a consumable has fallen below a predetermined threshold and wherein the computer
6 instruction signal configured to cause a processor to transmit comprises a computer
7 instruction signal carrying instructions that when executed cause the processor to
8 transmit the electronic message from an embedded web server contained in the
9 peripheral device across a firewall.

1 23. [Original] The computer instruction signal of claim 21, wherein the
2 computer instruction signal embodied in the carrier wave carrying instructions that
3 cause the processor to determine comprises a computer instruction signal carrying
4 instructions that when executed cause the processor to determine that an order
5 toner condition exists in a hard copy output engine.

1 24. [Original] The computer instruction signal of claim 21, wherein the
2 computer instruction signal embodied in the carrier wave carrying instructions that
3 cause the processor to combine comprises a computer instruction signal carrying
4 instructions that when executed cause the processor to combine the status change
5 with a unique device identifier chosen from a group consisting of: a predetermined
6 account number associated with the peripheral device, a serial number associated
7 with the peripheral device, a vendor email address associated with the peripheral
8 device or a universal resource locator for a web address for a vendor associated
9 with the peripheral device.

1 25. [Original] The computer instruction signal of claim 21, wherein the
2 computer instruction signal embodied in the carrier wave carrying instructions that
3 cause the processor to transmit comprises a computer instruction signal carrying
4 instructions that when executed cause the processor to transmit an electronic
5 message to a vendor of consumables and services relevant to the peripheral device.

1 26. [Original] The computer instruction signal of claim 21, wherein the
2 peripheral device is chosen from a group consisting of: facsimile machines,
3 photocopiers and printers.

1 27. [Original] The computer instruction signal of claim 21, wherein the
2 computer instruction signal embodied in the carrier wave carrying instructions that
3 cause the processor to determine comprises a computer instruction signal carrying
4 instructions that when executed cause the processor to determine that a usage
5 threshold indicative of need for preventive maintenance has been met.

1 28. [New] The method of claim 1, wherein the combining comprises
2 combining using the peripheral device.

1 29. [New] The method of claim 1, wherein the transmitting comprises
2 transmitting using the peripheral device.

1 30. [New] The method of claim 29, wherein the transmitting comprises
2 transmitting the electronic message comprising an order with respect to a
3 consumable of the peripheral device.

1 31. [New] The method of claim 29, wherein the transmitting comprises
2 transmitting the electronic message comprising an order with respect to
3 maintenance of the peripheral device.

1 32. [New] The method of claim 1, wherein the combining and the
2 transmitting comprise combining and transmitting using the peripheral device.

1 33. [New] The method of claim 1, wherein the transmitting comprises
2 transmitting responsive to the determining.

1 34. [New] The method of claim 1, wherein the transmitting comprises
2 transmitting in the absence of communications received from a device external of
3 the peripheral device.

1 35. [New] The article of manufacture of claim 8, wherein the computer
2 usable medium is in communication with the processor comprising a processor of
3 the peripheral device.

1 36. [New] The computer implemented control system of claim 15,
2 wherein the processing circuitry comprises processing circuitry of the hard copy
3 output engine.

1 37. [New] The computer implemented control system of claim 15,
2 wherein the memory and the processing circuitry comprise memory and processing
3 circuitry of the hard copy output engine.

1 38. [New] The computer instruction signal of claim 21, wherein the
2 processor comprises a processor of the peripheral device.